

# F. H. Leinweber Company, Inc.

## UNDERLAYMENT & FLOOR PREP CONTRACTORS

9812 S. Cicero Ave. • Oak Lawn, IL 60453 • (708) 424-7000 • FAX: 708/424-8914

Plant: 346 West 107th Place • Chicago, Illinois 60628 • (312) 568-7722

MEMBERS (ASTM) AMERICAN SOCIETY FOR TESTING MATERIALS



MANUFACTURERS AND INSTALLERS OF...  
Jif-Set, Elastex, Vinyl-Crete, Mag-Roc, Leinweber's  
Liquid Latex, Rubberized Concrete and Floorbond

### MATERIAL SAFETY DATA SHEET

#### SECTION I - PRODUCT IDENTIFICATION

**PRODUCT NAME:** Includes, but not limited to, JIF-SET®, MAG-ROC®, THERM-O-LITE®

**CAS NAME and NUMBER:** Mixture

**CHEMICAL FAMILY/FORMULA:** Not Applicable

**MANUFACTURER'S NAME and ADDRESS:** F. H. LEINWEBER CO., INC.

9812 South Cicero Avenue

Oak Lawn, IL 60453-3193

#### SECTION II - HAZARDOUS INGREDIENTS

<u>COMPONENT &amp; CAS REGISTRY NO.</u>	<u>WT. %</u>	<u>ACGIH TLV<sup>3</sup>(TWA)</u>	<u>OSHA PEL (TWA)</u>
Gypsum/Calcium Sulfate (7778-18-9)** or Limestone/Calcium Carbonate (1317-65-3)**	33-99%	*10 mg/M <sup>3</sup>	15 mg/M <sup>3</sup> (1); 5 mg/M <sup>3</sup> (2)
Portland Cement (65997-15-1)	0-49%	*10 mg/M <sup>3</sup>	10 mg/M <sup>3</sup> (1); 5 mg/M <sup>3</sup> (2)
Perlite (No CAS)	0-14%	*10 mg/M <sup>3</sup>	15 mg/M <sup>3</sup> (3); 5 mg/M <sup>3</sup> (2)
Sand, Silica or Crystalline Quartz (14808-60-7)*** (respirable)	0-65%	0.1 mg/M <sup>3</sup> (2)	30 mg/M <sup>3</sup> (4); 10 mg/M <sup>3</sup> (2)
Starch (9005-25-8)	0-04%	*10 mg/M <sup>3</sup>	15 mg/M <sup>3</sup> (1); 5 mg/M <sup>3</sup> (2)
1-(3-Chloroallyl)-3,5,7 Triaza-1-Azoniadamantane Chloride (4080-31-3)	Trace	N/A	N/A

\*Total dust containing no asbestos and <1.0% free crystalline silica.

\*\*Gypsum and limestone may contain crystalline silica as trace, naturally occurring contaminant; usually present at <1.0%.

\*\*\*Respirable and total dust exposure limits vary with the % of quartz in silica.

(1)Total dust.

(2)Respirable dust.

(3)Value is for total particulate containing <1.0% quartz.

(4)Value is for total particulate containing >1.0% quartz.

#### SECTION III - PHYSICAL PROPERTIES

**APPEARANCE and ODOR:** Whitish, grey or buff powder; low odor.

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BOILING POINT: Not Applicable  
MELTING POINT: Not Applicable (ground gypsum decomposes at 1450°C to CaO & SO<sub>3</sub>)  
VAPOR PRESSURE/VAPOR DENSITY: Not Applicable  
SPECIFIC GRAVITY (Water = 1): .04 - 2.7  
PERCENT VOLATILE (by weight): Not Applicable  
pH: Products with high limestone content, calcium hydroxide or Portland cement: 8.5 - 10. Other products with high gypsum content: 7 - 8.  
SOLUBILITY IN WATER: 0 - .2% at 40°C.  
EVAPORATION RATE (BUTYL ACETATE = 1): Not Applicable

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT: Not Applicable  
FIRE EXTINGUISHING MEDIA: Non-combustible  
FLAMMABLE LIMITS (PERCENT BY VOLUME): lower and upper, N/A  
SPECIAL FIRE FIGHTING PROCEDURES/EQUIPMENT: UNUSUAL FIRE/EXPLOSION HAZARDS: None

SECTION V - REACTIVITY DATA

STABILITY: Stable  
CONDITIONS TO AVOID: None  
INCOMPATIBILITY (MATERIALS TO AVOID): None  
HAZARDOUS DECOMPOSITION PRODUCTS: None  
HAZARDOUS POLYMERIZATION: Will not occur  
CONDITIONS TO AVOID: None

SECTION VI - HEALTH HAZARD INFORMATION

EFFECTS OF OVEREXPOSURE: This material is not known to be toxic. Persons exposed to large amounts of dust may be forced to leave area because of nuisance conditions, including coughing, sneezing and nasal irritation. Other temporary effects may include:

Skin - may develop enough heat to cause burns if large mass is in contact with skin during hardening (hydration); may dry skin.

Eyes - particles may cause irritation.

PROBABLE ROUTES OF EXPOSURE: Inhalation, skin, eyes.

EMERGENCY AND FIRST AID PROCEDURES:

INGESTION: product may harden on contact with water. May result in obstruction if ingested. See physician.

INHALATION: remove to fresh air.

EYE CONTACT: remove contact lenses. Rinse eyes with plenty of running water for 10 - 15 minutes, including under eyelids. If irritation occurs, contact physician.

SKIN CONTACT: wash promptly with water. If irritation occurs, contact physician.

SECTION VII - TOXICITY DATA

ORAL: Not available

DERMAL: Not available

INGESTION, INHALATION and EYE CONTACT: Prolonged exposure to Portland cement dust can irritate the eyes and nose and cause dermatitis. Portland cement is a primary irritant and may be complicated in some instances by a secondary contact sensitivity to hexavalent chromium which is present in low concentrations.

CARCINOGENICITY: The gypsum used in these products may contain natural, trace amounts of crystalline silica (usually less than 1.0%). Some dust may be respirable. Prolonged exposure to crystalline silica has been known to cause silicosis, a lung

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disease which may be disabling. While there may be a factor of individual susceptibility to a given exposure to respirable silica dust, the risk of contracting silicosis and the severity of the disease is clearly related to the amount of dust exposure and the length of time (usually years) of exposure.

Crystalline silica has been classified by the International Agency for Research on Cancer (IARC) as a probable human carcinogen (group 2A) with animal evidence sufficient. It is not considered to be a human carcinogen by the National Toxicology Program (NTP) or the American Conference of Governmental Industrial Hygienists (ACGIH) or the Occupational Safety and Health Administration (OSHA).

### SPECIAL PROTECTION INFORMATION

#### PERSONAL PROTECTIVE EQUIPMENT

PROTECTIVE GLOVES: may be desirable under certain working conditions or to protect against drying of hands.

EYE PROTECTION: close-fitting eye goggles as appropriate for nuisance dust.

RESPIRATORY PROTECTION (SPECIFY TYPE): wear NIOSH-approved respirator as appropriate for nuisance dust, especially when sanding, dry grinding, crushing and milling. Whenever possible, use wet sponging in lieu of dry sanding, where applicable.

#### VENTILATION

LOCAL EXHAUST: ventilation at mixer or elsewhere, as appropriate to minimize dust conditions.

MECHANICAL (GENERAL), SPECIAL, OTHER: Not Applicable

### SECTION IX - SPILL, LEAK AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep or vacuum spilled material into a waste container for disposal. Avoid creating excessive dust. Wear approved respirators if necessary. Do not wash down drains - may plug drains.

WASTE DISPOSAL METHODS: May be disposed of as inert solid in sanitary landfill or by other procedures in accordance with all federal, state and local regulations.

CLEAN WATER ACT REQUIREMENT: Not Applicable

RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) REQUIREMENTS: Not Applicable

FDA, USDA, CPSC: Product is manufactured for use as building construction material or other industrial applications. As such, all are not applicable.

TSCA: Product is a mixture, therefore not subject to TSCA reporting requirements.

DOT: Not regulated. Shipping name, hazard class, label required or I.D #, not applicable.

### SECTION X - SPECIAL PRECAUTIONS AND COMMENTS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Be sure proper ventilation and respiratory and eye protection are used under dusting conditions.

Dew point conditions or other conditions causing presence of moisture will harden gypsum cement during storage.

OTHER PRECAUTIONS: Excessive particulate in workplace air should be avoided. Where applicable, use wet sponging in lieu of dry sanding whenever possible.

REGISTRATION/CERTIFICATIONS: Not applicable

EFFECTIVE DATE: 5/1/92

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IMPORTANT: The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage and handling of the product in compliance with applicable federal, state and local laws and regulations. F. H. LEINWEBER CO., INC. makes no warranty of any kind, express or implied, concerning the accuracy or completeness of the information and data herein. The implied warranties of merchantability and fitness for a particular purpose are specifically excluded. F. H. LEINWEBER CO., INC. will not be liable for claims relating to any party's use of or reliance on information and data contained herein regardless of whether it is claimed that the information and data are inaccurate, incomplete or otherwise misleading.